

FRAMEWORK FOR PROVIDING A SECURITY CONTEXT AND CONFIGURABLE FIREWALL FOR COMPUTING SYSTEMS

ABSTRACT OF THE DISCLOSURE

[0088] Techniques for providing security context and firewalls in computing environments are disclosed. The security context includes cryptographic operations that can further enhance security. A security context block that includes a security context identification (ID) and a cryptographic system is disclosed. The security context identification (ID) can be provided for and assigned to various components of the computing system as means for security identification. Using the cryptographic system, various cryptographic operations can be performed on the security context identification (ID) to further enhance security. For example, security identifiers can be authenticated before it is presented to a firewall. After, successful authentication, the firewall can be used to determine whether the security identifier identifies an associate with access privileges.